

CUSTOMER NO.: 24498
Serial No. 09/029,807
Office Action dated: February 10, 2006
Response dated: May 10, 2006

PATENT
RCA 88,391

In the Claims

Please amend the claims as follows:

1. (Currently Amended) A digital recording and replay apparatus ~~adapted for use with a decoder, said digital recording and replay apparatus comprising:~~

~~a transducer for reproducing a video representative digital signal from a recorded medium;~~

~~means +replay electronics coupled to said transducer for processing a compressed digital said video representative digital signal stored on a recording medium to produce an output compressed digital video signal bit stream, said output signal bit stream being provided to the decoder for producing a video signal therefrom;~~

~~means for generating a mode status data tag signal indicative of an operating mode of the digital recording and replay apparatus;~~

~~a status message signal generator, responsive to an operating mode of said digital recording and replay apparatus, for generating a status message signal; and~~

~~output means for outputting the compressed digital video signal bit stream and the mode status data tag signal, wherein a receiver receives the compressed digital video signal bit stream and the mode status data tag signal, decodes the compressed video signal bit stream to produce a decoded video signal, interprets the mode status data tag signal to select a stored signal representing the operating mode indicated in the mode status data tag signal, and combines the decoded video signal and the selected stored signal means coupled to receive the video signal from the decoder for inserting said status message signal into the video signal decoded from said output signal bit stream.~~

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2. (Currently Amended) The digital recording and replay apparatus of claim 1, wherein said mode status data tag message command signal includes a command and the receiver selects the stored signal according to the command indicates an apparatus specific message.

3. (Currently Amended) The digital recording and replay apparatus of claim 2 4, wherein said mode status data tag message command signal further includes a text message indicating the operating mode of the digital recording and replay apparatus indicates apparatus specific data.

4. (Withdrawn) A digital television receiver (100), comprising:
receiving means (110) having a first input coupled to a replay source and receiving therefrom a compressed digital television signal, and a second input coupled to a control signal, said receiving means decoding said compressed digital television signal to form a video signal (102);

means (520) coupled to said receiving means (110) for generating a display message responsive to display message data and for combining said display message with said video signal (102);

a memory (510) containing said display message data;
control means (115) coupled to said memory (510) and said generating means (520) for reading said display message data from said memory, responsive to said control command.

5. (Withdrawn) The digital television receiver (100) of claim 4, wherein said memory (510) contains display message data specific to a plurality of television signal sources.

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6. (Withdrawn) The digital television receiver (100) of claim 4, wherein said memory (510) contains display message data specific to said digital television receiver (100) and a plurality of television signal replay sources.

7. (Withdrawn) The digital television receiver (100) of claim 4, wherein said memory (510) contains display message data specific to a digital recording and replay apparatus.

8. (Withdrawn) The digital television receiver (100) of claim 5 wherein said control means (115) selects a specific display message responsive to said control command.

9. (Withdrawn) A digital television receiver (100), comprising:
receiving means (110) coupled to a replay source and receiving therefrom a compressed digital television signal, said receiving means also receiving a source display message data signal and a label data signal;
decoding means (117) coupled to said receiving means (110) for producing a video signal (102) from said compressed digital television signal;
a memory (510) storing display message data;
video message generating means (520) coupled to said memory (510) and receiving therefrom message data for generating a video message, and for adding said video message to said video signal (102); and,
control means (115) coupled to said memory (510) for selecting specific display message data responsive to said label data signal and, absent said specific display message data, coupling said source display message data signal to said video message generating means (520).

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10. (Withdrawn) The digital television receiver (100) of claim 9, wherein said memory (510) contains display message data specific to said digital television receiver (100) and a plurality of television signal replay sources.

11. (Currently Amended) A method for a digital video reproduction apparatus inserting status message data into a video signal comprising the steps of:

~~reproducing a video representative digital signal from a recorded medium;~~

~~processing, by the digital video reproduction apparatus, a said video representative digital signal stored on a recording medium to produce an output compressed video signal bit stream, said output signal bit stream capable of being provided to a decoder as to produce a video signal;;~~

~~generating, by the digital video reproduction apparatus, a mode status data tag signal indicating status message data corresponding to a status message of an operating mode of the a digital video reproduction recording and replay apparatus; and~~

~~outputting, by the digital video reproduction apparatus, the compressed video bit signal stream and the mode status data tag signal, wherein a receiver receives the compressed video signal bit stream and the mode status data tag signal, decodes the compressed video signal bit stream to produce a decoded video signal, interprets the mode status data tag signal to select a stored signal representing the operating mode indicated in the mode status data tag signal, and combines the decoded video signal and the selected stored signal inserting said message data into said video signal decoded from said output signal bit stream.~~

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12. (Currently Amended) The method of claim 11, wherein said mode status message data tag signal includes a command and the receiver selects the stored signal according to the command indicates an apparatus specific message.

13. (Currently Amended) The method of claim 12 11, wherein said mode status message data tag signal further includes a text message indicating the operating mode of the digital video reproduction apparatus indicates apparatus specific data.